

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW

WW

TA

52 GW

OS

PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No)

E

L

EI

GR

GR-N

Micro

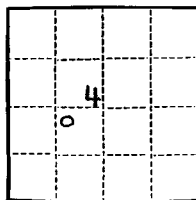
Lat

Mi-L

Sonic

Others

Formation Density
Temperature



Copy H. L. L.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-04600
Unit Segundo Canyon

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

(Wednesday) June 26, 193

Well No. 234 is located 2840 ft. from N line and 1770 ft. from W line of sec. 4

NW NE 1/4 Sec 4 T17S R21E S. L. B. & M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8147 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

(See attached drilling program)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pacific Natural Gas Exploration Company

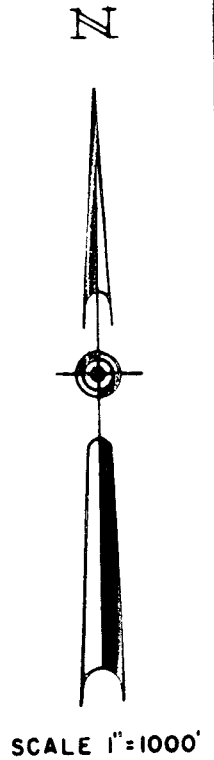
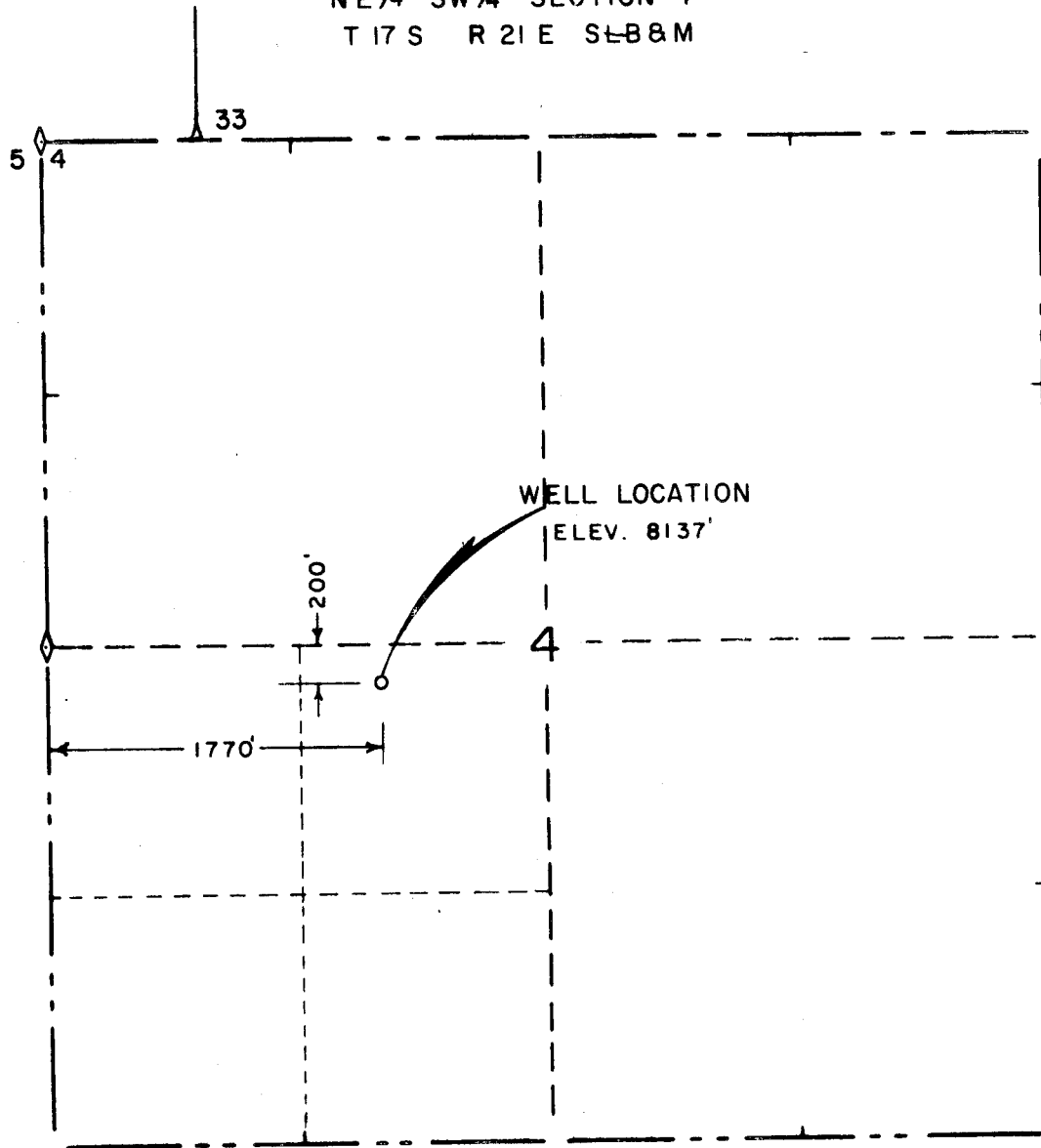
Address 366 South Fifth East
Salt Lake City 2, Utah

By E. E. Loman

Title Drilling Superintendent

WELL LOCATION

NE 1/4 SW 1/4 SECTION 4
T 17 S R 21 E S 8 B M



Elevation run from from Segundo Unit No. 2

I, Richard J. Mandeville do hereby certify that this plat was plotted from notes of a field survey made under my supervision on June 24, 1963.

Richard J. Mandeville
Registered Engineer & Land Surveyor

WESTERN ENGINEERS	
WELL LOCATION	
PACIFIC NATURAL GAS EXPL. CO.	
SEGUNDO CANYON 23-4	
GRAND COUNTY, UTAH	
SURVEYED	... R.A.B. ...
DRAWN	... F.B.F. ...
Grand Junction, Colo.	6/25/63

PROPOSED DRILLING PROGRAM

for

SEGUNDO UNIT NO. 23-4

Located in the center of NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4 T. 17 S. R. 21
E. S.L.B.&M. Grand County, Utah

The following program of drilling, testing, and completing the Segundo Unit # 23-4 well is proposed.

1. Move in rig up, and drill approximately 200' of 13 3/4" hole with water and gel.
2. Run and cement 200' of 10 3/4" 40.5 #/ft. J-55 casing w/ enough cement to allow 30% excess, approximately 110 sacks.
3. After 12 hrs. install B.O.P. and press test w/ 750 # for 15 min. After 24 hrs. drill out w/ 9 5/8" bit.
4. Drill ahead w/ 9 5/8" bit using gas as a circulating media. An injection pump should be rigged up and ready to go in case it becomes necessary to inject soap and water. While building the location, reserve pits with a capacity of not less than 10,000 bbls., will be built to retain enough water being lifted from the well by the gas during the drilling of the upper portion of the 9 5/8 hole to satisfy the remaining need for water on the remaining portion of the hole.
5. After it becomes necessary to mud up, care will be taken to keep the mud as light as possible with the use of course gilsonite and a foaming detergent. A desander will also be run at all times. The 9 5/8 hole will be drilled into the top of the Mancos at an expected depth of 6050'.
6. A mud logging unit will be put into service after reaching the top of the Mesaverde at approximately 4250'.
7. Samples will be collected at 30' intervals through the Green River and Wasatch formations. They will be collected at 10' intervals when the mud logging unit moves on and until it moves off after the 7 5/8" casing point is reached. They will be collected at 30' intervals down through the Mancos to 9500. They will be collected at 10' intervals from 9500 to total depth.
8. Mechanical logs, including I.E.S. and Sonic - Caliper, will be run after reaching the top of the Mancos.
9. If the logs suggest that the Castlegate may be gas-bearing, and if this possibility is confirmed by the mud analysis, a D.S.T. will be run through the Castlegate interval.
10. Run and cement approximately 6050' of 7 5/8" casing using a D.V. tool at approximately 3000'. The first stage or lower stage should be cemented w/ 300 sacks and the upper or second stage w/ 200 sacks of regular cement with approximately 70% of the cement for each stage containing 15 lbs. of gilsonite per sack and 2% gel. This will allow the cement to carry a good loss circulation material and also run much lighter than regular cement.
11. After the 7 5/8" casing has set 24 hrs., install B.O.P.'s and press test w/ 1000 # for 15 min. Convert to gas and drill ahead w/ 6 3/4" bit after 36 hrs. of W.O.C.
12. The hole will be drilled to an estimated depth of 9900' and mechanical logs, including Gamma-Induction, Formation - Density - Caliper, and Temperature, will be run.

Proposed Drilling Program for Segundo Unit No. 23-4

13. Blow out prevention equipment will include a hydraulically operated double gate at all times. After the 7 5/8" casing is set a hydrill preventer will also be required. The blooie line will be installed between the hydrill and the double gate preventer.

14. Expected tops of formations are as follows:

Green River	-Surface	Mancos	-5940
Wasatch	-2190	Dakota Silt	-9600
Mesarverde	-3870	Dakota	-9730
Sego	-5410	Cedar Mountain	-9830
Buck Tongue	-5700	Morrison	-9885
Castlegate	-5780	Total Depth	<u>-9900</u>

15. A string of 4 1/2" production pipe (J-55 & N-80) will be run from surface to total depth. The cementing procedure can only be determined by the nature of the reservoir and the magnitude of the natural flow.

16. Deviation surveys will be run at not more than 200' intervals. The deviation will be kept within 1 degree per 100 feet of hole, with the total accumulated deviation not to exceed 1 degree per 1,000 feet of total hole.

17. A flare will be kept lighted at the end of the blooie line during all drilling operations using gas as a circulating media.

18. The rig will be equipped with a two-way radio telephone to facilitate the co-ordination of all operations.

19. After the production casing is cemented it will be perforated, and the pay zone frac-ed with liquid CO₂ if necessary. ✓

EEL/lc
6-10-63

CEMENTING RECORD:

7-5/8" casing

Cemented at shoe with 260 sacks 50-50 Pozmix including 12-1/2 % Gilsonite and 2 % gel followed by 90 sacks Class A neat cement. Cemented through DV collar at 3137' with 250 sacks Pozmix with 12-1/2 % Gilsonite and 2 % gel followed by 95 sacks Class A neat cement.

4-1/2" casing

Cemented through packer collar at 9763' with 150 sacks Class A neat cement.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake
LEASE NUMBER _____
UNIT Segundo Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Segundo Canyon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1963, Pacific Natural Gas

Agent's address 366 South Fifth East St. Company Exploration Company

Salt Lake City 2, Utah Signed R. D. Gaddes

Phone 322-2583 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE 9	17S	21E	1	*	(Report filed by Southern Union Production Company)					
SW SE 33	16S	21E	2	21			15,750	0	0	Producing rig fuel for the drilling of well #23-4
NE SW 4	17S	21E	23-4							
<p><i>Segundo Canyon Unit</i></p> <p>Cemented 10 3/4", 32.75#, J-55 casing in 15" hole at 203' with 175 sacks Class A cement including 2% CaCl₂. Recemented casing with 50 sacks Class A cement through 1" pipe outside of the 10 3/4" casing. Drilled 9 7/8" hole with mud from 203'-3893' Mudded up due to excessive water production and drilled 9 7/8" hole from 3893'-4687'.</p>										

NOTE.—There were _____ runs or sales of oil; 15,750 M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE **Salt Lake**
LEASE NUMBER
UNIT **Segundo Canyon**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Segundo Canyon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1963, Pacific Natural Gas

Agent's address 366 South 5th East Street Company Exploration Company
Salt Lake City 2, Utah Signed R. D. Geddes

Phone 322-2583 Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE 9	17S	21E	1		*(Report filed by Southern Union Production Company)					
SW SE 33	16S	21E	2	31			23,250	0	0	
NE SW 4	17S	21E	23-4		<p><i>Segundo Canyon</i></p> <p>Drilled 9 7/8" hole with mud from 4687'-6040'. Ran Schlumberger IES and Sonic-Caliper Logs. Ran 7 5/8" 29.70% N-80 and 26.40% J-55 casing to 6040'. Bottom: 28 Jts. 29.70% N-80 151 Jts. 26.40% J-55 Top: 2 Jts. 29.70% N-80 Cemented at shoe with 260 sacks 50-50 pozzmix with 12 1/2% Gilsomite and 2% gel followed by 90 sacks Class A neat cement. Cemented thru DV collar at 3137' with 250 sacks 50-50 pozzmix with 12 1/2% Gilsomite and 2% gel followed by 95 sacks Class A neat cement. Drilled 6 1/4" hole with air from 6040'-9842', T. D. Ran Gamma-Induction, Temperature, and Formation-Density logs. Plugged back from 9842' to 9797' with 2% CaCl₂ cement topped off with Hydramite. Used dump bailer to set plug with. Ran 4 1/2" casing, but casing stopped at 8050'. While attempting to recover 4 1/2" casing, casing parted at 350'. Pulled 4 1/2" casing from 350'.</p>					

NOTE.—There were 15,750 runs or sales of oil; _____ M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

840

Copy D.L.W.

7

"CORRECTION"

**M Cu. Ft. of gas sold during August should read 23,250 instead of
15,750.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake

LEASE NUMBER

UNIT Segundo Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Segundo Canyon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1963, Pacific Natural Gas

Agent's address 366 South Fifth East Street Company Exploration Company
Salt Lake City 2, Utah

Phone 322-2583 Signed R. D. Geddes Agent's title Petroleum Engineer

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE 9	17S	21E	1	(Report filed by Southern Union Production Company)						
SW SE 33	16S	21E	2	8	0	-	6,000	0	0	Produced to provide drilling fuel for #23-4
NE SW 4	17S	21E	23-4							<p><i>Segundo Canyon</i></p> <p>Milled on casing. Went in hole with overshot and mechanical jars. Unable to release fish. Dressed off top of fish. Recovered casing to top of pack-off collar. Went in with bit and cleaned out hole. Ran overshot and jars. Recovered fish and conditioned hole.</p> <p>Ran 307 joints of 4½" O.D. casing, including 53 joints 13.5# N-80 (bottom), 19 joints 11.6# N-80, and 235 joints 11.6# J-55 (top). Landed casing at 9796' K.B. Cemented through packer collar at 9673' with 150 sacks Class A cement. Preceded cement with 300 bbls. mud and 20 bbls. water. Moved out rotary equipment. Moved in completion rig. Cleaned out 4½" casing and scraped same to 9796'. Frac-notched at 9792'. Set packer at 9650'. Pressured annulus to 800#- O.K. Fraced with 220 bbls. CO₂. Maximum and average pumping pressure 3800#, no apparent breakdown. ISI pressure 1100#. Flow test indicated that the frac was not satisfactory. Ran 2-3/8" production tubing at 9789'. Fraced with 222 bbls. CO₂ and 15000 gallons diesel oil. Mixed 7500# of 20-40 sand with the diesel oil plus 850# of fluid loss additive. Pumped the CO₂ down the tubing and the sand-oil mixture down the annulus. Maximum injection pressure 4500#, average injection pressure 4300#. ISI 3100# decreasing to 1100# in 15 mins. Swabbed well on production.</p> <p>Flow Tests: 1-1/4" plate - 1059 MCFGPD 3/4" plate - 912 MCFGPD 3/8" plate - 603 MCFGPD</p> <p>Continued flowing well to clean up.</p>

NOTE.—There were no runs or sales of oil; 6000 M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____								
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME									
Pacific Natural Gas Exploration Company						Segundo Canyon									
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME									
366 South Fifth East St., Salt Lake City 2, Utah						(None)									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. WELL NO.									
At surface 2840' FNL & 1770' FWL Sec. 4, T.17S., R.21E.						23-4									
At top prod. interval reported below Same as above						10. FIELD AND POOL, OR WILDCAT									
At total depth Same as above						Segundo Canyon									
14. PERMIT NO. DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
(Federal Lease)						NE/4 SW/4 Sec. 4 T. 17 S., R. 21 E.									
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
6-30-63		8-26-63		9-25-63		8148.75' K.B. (ref.)		8138'							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							
9842' MD & TVD		9799' MD & TVD		-----		all		25. WAS DIRECTIONAL SURVEY MADE							
Frac notch @ 9792' (Cedar Mountain 9754'-9796')								No							
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED							
IES & SL/C 200'-6037'; IGR, FDL & Temp 6036'-9842'								No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
10-3/4"		32.75		203'		15"		225 Sacks							
7-5/8"		29.70 & 26.40		6040'		9-7/8"		(See Attachment)							
4-1/2"		13.50 & 11.60		9796'		6-3/4"		(See Attachment)							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
(None)										2-3/8"		9789'		(None)	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Frac notch @ 9792'										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										9792'		220 barrels liquid CO ₂			
										9792'		222 barrels liquid CO ₂			
												15000 gallons diesel oil,			
												7500 # 20-40 sand			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
9-25-63		Flowing						Shut-in							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
10-3-63		96		1-1/4"		-----		0		3512		0		-----	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
10 #		170 #		-----		0		878		0		-----			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
Vented										R. F. Stratton					
35. LIST OF ATTACHMENTS															
Cementing record															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															

SIGNED

R. D. Geddes

TITLE

Petroleum Engineer

DATE January 7, 1964

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No cores were taken,			nor drill-stem tests conducted.
See Attached mechanical logs for porous zones and contents thereof.			
Well was drilled with mud to 7-5/8" casing point and was drilled with air from 7-5/8" casing point to total depth.			
Encountered a small shale section.			gas zone at approximately 8930' in the Mancos

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Sego	5420'	+ 2729'
Castlegate	5708'	+ 2441'
Mancos	5990'	+ 2159'
Greenhorn	9548'	- 1399'
Dakota	9677'	- 1528'
Cedar Mountain	9754'	- 1605'
Morrison	9796'	- 1647'

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Segundo Canyon Unit 23-4

Operator Pacific Natural Gas Address 366 So. 5 E. Phone DA 2-2583

Contractor Willard Pease Address Grand Junction Phone CH 2-6912

Location: NE 1/4 SW 1/4 Sec. 4 T. 17 N R. 21 E (S) W Grand County, Utah.

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	280'	3893'	200' bbls. per hour	fresh
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

Sego	5420'	Cedar Mountain	9759'
Castlegate	5708'	Morrison	9796'
Mancos	5990'		
Greenhorn	9548'		
Dakota	9677'		

Remarks:

Water entry increased with depth. The hole was mud drilled below 3893' to 6040', where 7 5/8" casing was set. The hole was completed with air with no more water entry.

JAN 17 1964

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

January 15, 1964

Pacific Natural Gas Exploration Company
366 South 5th East
Salt Lake City 2, Utah

Re: Well No. Segundo Canyon #23-4
Sec. 4, T. 17 S., R. 21 E.,
Grand County, Utah

Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosure

January 29, 1964

Pacific Natural Gas Exploration Company
366 South 5th East
Salt Lake City 2, Utah

Re: Well No. Segundo Canyon #23-4
Sec. 4, T. 17 S., R. 21 E.,
Grand County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

CNF:ns

File

PACIFIC NATURAL GAS EXPLORATION COMPANY

366 SOUTH FIFTH EAST STREET

SALT LAKE CITY, UTAH 84102

February 4, 1964

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah 84111

Re: Well Segundo Canyon #23-4
Sec. 4, T. 17S, R. 21E
Grand County, Utah

Gentlemen:

Enclosed are one copy each of the 1-ES, Sonic-Caliper,
Formation Density and Temperature logs from the captioned well.

Very truly yours,

R. D. Geddes

R. D. Geddes
Petroleum Engineer

RDG:chd

12.



OIL RESOURCES INC.

Exploration and Production

210 Petroleum Building P. O. Box 986
Telephone (406) 252-9303
BILLINGS, MONTANA 59103

September 1, 1972

Utah State Division
Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

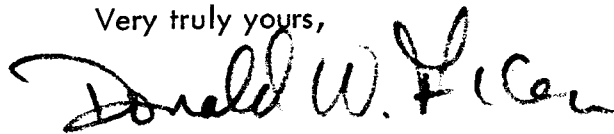
Attention: Scheree De Rose

Gentlemen:

Please be advised that effective July 1, 1972, Oil Resources Incorporated purchased the following wells from Pacific Lighting Exploration Company, and is now the operator.

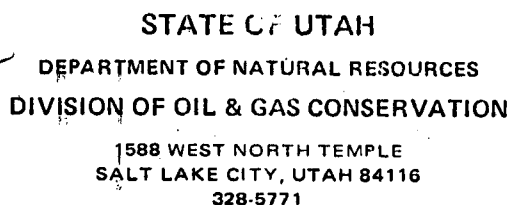
Moon Ridge 31-15	Sec. 15	T16S-R21E	SLM
Segundo Canyon #2	Sec. 33	T16S-R21E	SLM
Segundo Canyon 23-4	Sec. 4	T17S-R21E	SLM

Very truly yours,



DONALD W. ALLEN
Treasurer

DWA/jcd



State Lease No. _____
Federal Lease No. **USA Utah** 04600
Indian Lease No. _____
Fee & Pat. _____

COUNTY Grand FIELD/LEASE Segundo Canyon

Submitting a correct report of operations and production (including drilling and producing wells) for the month of:

Address P.O. Box 986
Billings, Montana 59103
(406) 252-9303

Company Oil Resources Incorporated
Signed John F. Cram
Title Controller, John F. Cram

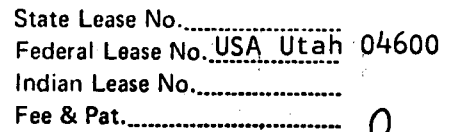
100, 100, 100

Wanted _____
Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month	_____	0
Produced during month	_____	0
Sold during month	_____	0
Unavoidably lost	_____	0
Reason:	_____	01 piece
On hand at end of month	_____	

NON-PRODUCING WELLS: This report must be filed on or before the sixteenth day of the preceding month following the month for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE**



DRILLING/PAUL JOINS WELLS: This report must be filed once before the sixteenth day of the succeeding month following completion for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
NUMBER 04600
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Segundo Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1976.

Agent's address P.O. Box 986 Company OIL RESOURCES INCORPORATED

Billings, Montana 59103

Signed Original signed by

Phone (406) 252-9303

Agent's title JOHN F. GRAM

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec. 4	17S	21E	23-4		None			None	None	
<div data-bbox="579 961 902 1288" data-label="Image"> </div>										
TOTALS										
GAS: (MCF)					OIL or CONDENSATE: (Barrels)			WATER: (Barrels)		
Sold					Sold			Disposition		
Vented/Flared					Used			Pit		
Used On Lease					Unavoidably Lost			Injected		
Lost					Reason			Other		
Reason										

NOTE.—There were no runs or sales of oil; No M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. Utah 04600
Indian Lease No. _____
Fee & Pat. _____
SEGUNDO #23-4

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE UTAH COUNTY Grand FIELD/LEASE Segundo Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of: MARCH 19 77.

Agent's Address 3 Park Central, suite 200
1515 Arapahoe St.
Denver, Colorado 80202
Phone No. (303) 825-8193

THE POLUMBUS CO.
Company A Div. of W.R. Grace & Co.
Signed William M. Mahony
Title Production Ass't

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NESW 4	17S	21E	23 -4	0	0		0	0	0	SHUT-IN

GAS: (MCF

Sold	0
Flared/Vented	0
Used On/Off Lease	0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

Company Castleman/M. Makony
Signed _____
Title Production Ass't

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following

Company _____
Signed Kathleen M. Maloney
Title Production Ass't

On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-04600

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Segundo

9. WELL NO.

23-4

10. FIELD AND POOL, OR WILDCAT

Segundo Canyon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 4- T17S-R21E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1a. TYPE OF WELL: OIL ☐ WELL ☐ GAS ☒ WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☒DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other _____

2. NAME OF OPERATOR

J.C. Thompson (Originally Oil Resources)

3. ADDRESS OF OPERATOR

1700 Broadway, Ste. 1219, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 200' S of 1/4 line, 1770' FWL (NW 1/4 NE 1/4 SW 1/4)

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

43-019-15673

DATE ISSUED

6-28-63

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUDDED

6-30-63

16. DATE T.D. REACHED

8-26-63

17. DATE COMPL. (Ready to prod.)

6-19-80 (this completion)

8148 K.B. (ref)

19. ELEV. CASINGHEAD

8138

20. TOTAL DEPTH, MD & TVD

9824' MD & TVD

21. PLUG, BACK T.D., MD & TVD

9799 MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9684-90 Dakota

(Old frac notch @ 9792' squeezed off)

9793-97 Cedar Mountain

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEST SLC (200-6037); IGR, FDL & Temp (6036-9842) Cement Bond (8250-9792)

27. WAS WELL CORED

No.

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
		No Change			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		No Change			2 3/8"	9765	None

31. PERFORATION RECORD (Interval, size and number)

9684-90 w/4/ft. (3 1/2" glass jets)

9793-97 "

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

9547-9799

AMOUNT AND KIND OF MATERIAL USED

200sx Class G; 3000 psi final pre

9684-90; 9793-97

1000 gal. 28% acid.

Frac sanded out.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-25-63 (old)		Flowing					Producing	
6-24-80 (new)								
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6-25-80	5 hr.	1/4"	→	-0-	---	-0-	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
650	800	→	--	587	---	--		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold to Northwest Pipeline Corporation

TEST WITNESSED BY

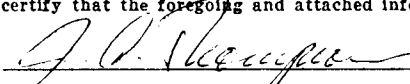
Lloyd Dishman

35. LIST OF ATTACHMENTS

NONE See reverse side

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Operator

DATE 6-27-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
			Workover started 10-8-75 by former operator. Continued with workover until 1-14-76. Frac sand prevented well from producing. Casing pressure 100 psi on 1-14-76. On 6-19-80 present operator completed cleanout of frac sand. Casing pressure 1320 psi.		

J. C. THOMPSON
INDEPENDENT OIL OPERATOR
410 - 17TH STREET, SUITE 1305
DENVER, COLORADO 80202

January 10, 1984

Mr. William Moore
NATURAL RESOURCES - Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

RE: Moon Ridge 31-15
State M-14
Segundo Canyon Unit 23-4
Westwater C-9-10
Federal 675-3
Grand County, Utah

Dear Mr. Moore

The enclosed Sundry Notices are in response to your letter dated September 11, 1984 regarding the captioned wells. We believe all items are satisfied except as noted on Federal 675-3. Please advise if you find any of these matters require additional attention.

Very truly yours,


J. C. Thompson

Enclosure

JCT:ssb

RECEIVED
JAN 14 1985

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
 (other instructions on
 reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR J. C. Thompson 3. ADDRESS OF OPERATOR 410-17th St., #1305, Denver, CO 80202 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p align="center">200' S of 1/4 line, 1770' FWL (NW NE SW) (A.P.I. No: 43-019-15673)</p>		5. LEASE DESIGNATION AND SERIAL NO U-04600 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME Segundo Canyon 8. FARM OR LEASE NAME Segundo 9. WELL NO. 23-4 10. FIELD AND POOL, OR WILDCAT Segundo Canyon 11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA Sec. 4-T17S-R21E 12. COUNTY OR PARISH 13. STATE Grand Utah
14. PERMIT NO.	15. ELEVATIONS (Show whether SF, ST, GR, etc.) 8148 KB	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Install sign</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting or proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

November 5, 1984: Sign installed satisfying your letter dated September 11, 1984.

RECEIVED
 JAN 14 1985
 DIVISION OF
 OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED J. C. Thompson TITLE Operator DATE 1/10/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

J. C. THOMPSON
INDEPENDENT OIL OPERATOR
410 - 17TH STREET, SUITE 1305
DENVER, COLORADO 80202

February 14, 1984

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

Attn: Claudia Jones
Well Records Specialist

RE: Utah Operated Wells

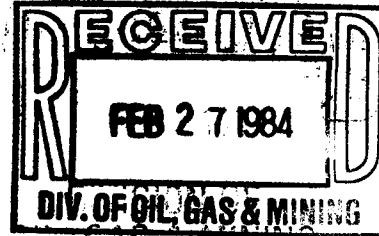
Dear Claudia,

Pursuant to your request, attached is a list of all
producing wells which are operated by J. C. Thompson in
the state of Utah.

Very truly yours,

Sandra S. Brown
Sandra S. Brown

Enclosure



Westwater #3
Sec 13, T17S-R23E, NENW
Grand County, UT

Moon Ridge #31-15
Sec. 15, T17S-R21E NWNE
Grand County, UT

Segundo Canyon 2
Sec 33, T16S-R21E SWSE
Grand County, UT

Segundo Canyon 23#4
Sec. 4, T17S-R21E NESW
Grand County, UT

Westwater M-15
Sec. 2, T17S-R23E NESE
Grand County, UT

Bull Canyon #1 4970
Sec. 4, T20S-R21E SWSE
Grand County, UT

Westwater Federal C#1
Sec. 12, T17S-R23E NENW
Grand County, UT

Westwater Federal D#1
Sec. 11, T17S-R23E SESE
Grand County, UT

Westwater Federal B#1
NWSE Sec. 17-T17S-R24E
Grand County, UT

Westwater #5
NESW Sec. 18-T17S-R24E
Grand County, UT

Bull Canyon #1 104
NWNE Sec. 4, T20S-R21E
Grand County, UT

Federal #1
SWSW Sec. 8-T17S-R24E
Grand County, UT

Castlegate C-2
SWNW Sec. 18-T17S-R24E
Grand County, UT

Castlegate C-4
NENW Sec. 13-T17S-R23E
Grand County, UT

M-3 Horse Point
NWNW Sec. 7-T17S-R24E
Grand County, UT

M-4
SENE Sec. 6-T17S-R24E
Grand County, UT

M-6 Horse Point
NESE Sec. 32-T17S-R24E
Grand County, UT

E-2
SWSE Sec. 7-T17S-R24E
Grand County, UT

E-3
NENW Sec. 17-T17S-R24E
Grand County, UT

E-5
NWNE Sec. 18-T17S-R24E
Grand County, UT

Dakota M-1
SESW Sec. 1-T17S-R23E
Grand County, UT

Horse Point M-7
SWNW Sec 6-T17S-R24E
Grand County, UT

#1 Fed 675
NENW Sec 10-T20S-R21E
Grand County, UT

Castlegate C-5 (SI)
NWSE Sec. 12-T17S-R23E
Grand County, UT

Castlegate C-6
SENE Sec. 18-T17S-R24E
Grand County, UT

Castlegate C-7
NESE Sec. 7-T17S-R24E
Grand County, UT

Castlegate D-2
NWNE Sec. 18-T17S-R24E
Grand County, UT

Castlegate C-10
NWNE Sec. 13-T17S-R23E
Grand County, UT

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92041018	M-2 17S. 23E. 12	06	03	<u>1</u>	10/85	<u>0800</u>
92050017	HORSE POINT UNIT M-7 17S. 24E. 4	06	03	<u>1</u>	10/85	<u>1100</u>
92259013	WESTWATER #3 17S. 23E. 13	06	03	<u>2</u>	10/85	<u>1000</u>
92263010	FEDERAL D-1 17S. 23E. 11	06	03	<u>2</u>	10/85	<u>1100</u>
92037010	E-5-E 17S. 24E. 18	06	03	<u>5</u>	11/85	<u>0900</u>
92036017	E-2-M 17S. 24E. 7	06	03	<u>5</u>	11/85	<u>1000</u>
92040011	M-1 17S. 23E. 1	06	03	<u>5</u>	11/85	<u>1300</u>
92108015	WESTWATER M-15 17S. 23E. 2	06	03	<u>7</u>	11/85	<u>1000</u>
92054013	SEGUNDO #2 14S. 21E. 33	06	03	<u>3</u>	12/85	<u>1100</u>
92052010	SEGUNDO #23-4 17S. 21E. 4	06	03	<u>3</u>	12/85	<u>1300</u>
92053016	MOUNTRIDGE #31-15 14S. 21E. 15.	06	03	<u>4</u>	12/85	<u>1100</u>
92262014	FEDERAL C-1 17S. 23E. 12	06	03	<u>6</u>	12/85	<u>0900</u>
92301010	WESTWATER #5 17S. 24E. 18	06	03	<u>6</u>	12/85	<u>1100</u>
92039013	E-3-M 17S. 24E. 17	06	07	<u>9</u>	10/85	<u>0830</u>
92042014	M-3 17S. 24E. 7	06	07	<u>9</u>	10/85	<u>1000</u>
92043010	FEDERAL #1 17S. 23E. 13	06	07	<u>9</u>	10/85	<u>0930</u>
92046012	HORSE POINT UNIT M-4 17S. 24E. 6	06	07	<u>10</u>	10/85	<u>1000</u>
92049019	HORSE POINT UNIT M-6 14S. 24E. 32	06	07	<u>10</u>	10/85	<u>0900</u>

J. C. THOMPSON

INDEPENDENT OIL OPERATOR
6500 SOUTH QUEBEC, SUITE 210
ENGLEWOOD, COLORADO 80111

January 21, 1993

RECEIVED

JAN 25 1993

DIVISION OF
OIL GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
Attn: Don Staley
355 West North Temple
3 Triad Center; Suite 350
Salt Lake City, UT 84180-1203

Re: Annual Status Reports on Shut-in, Temporarily-abandoned, and
Suspended-Drilling Wells

Dear Mr. Staley:

Enclosed for your approval are Sundry Notices for wells in
Utah operated by J.C. Thompson which are currently shut-in. If you
have any questions, please contact our office.

Sincerely,

Brenda K. Mayland

Brenda K. Mayland

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:
J.C. THOMPSON

3. Address and Telephone Number:
6500 S. OUEBEC: #210: ENGLEWOOD, CO 80111 (303) 220-7772

4. Location of Well
Footages: 2840' FNL 1770' FWL

QQ, Sec., T., R., M.: NESW Sec. 4-T17S-R21E

5. Lease Designation and Serial Number:

U-04600

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Segundo Canyon

8. Well Name and Number:

Segundo #23-4

9. API Well Number:

4301915673

10. Field and Pool, or Wildcat:

Segundo Canyon

County: GRAND

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT

Well has been shut in since January 1985 due to low gas prices. Expect to turn well on this year.

RECEIVED

JAN 25 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: Brenda K Mayland Title: Office Mgr. Date: 1/21/93

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-04600

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Segundo #23-4

9. API Well Number:

43-019-15673

10. Field and Pool, or Wildcat:

Segundo Canyon

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

J. C. Thompson

3. Address and Telephone Number:

5000 S. Quebec St., Ste. 640, Denver CO 80237 (303) 220-7772

4. Location of Well

Footages:

QQ, Sec., T., R., M.: NESW Sec. 4-T17S-R21E

County: Grand

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

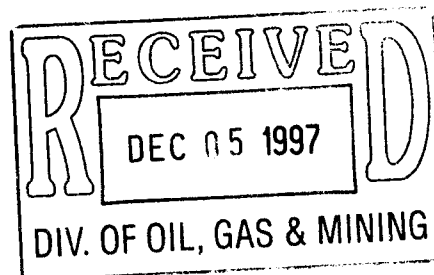
- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion 8-1-97Report results of Multiple Completions and Recompletions to different reservoirs on WELL
COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See attached workover report



13.

Name & Signature: Walid Bou-Matar

Walid Bou-Matar

Title: Vice PresidentDate: 11-25-97

(This space for State use only)

WD fax credit 8/98

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Segundo 23-4

Frac job

NESW Sec. 4 T17S-R21E

Grand County, Utah

- July 11, 1997 MIRU Monument Well Service (MWS) Rig No. 7. Nipple up BOP, shut down for the day. Left well producing.
- July 12, 1997 Blew down well and strapped old 2 $\frac{3}{8}$ " tubing--331 joints--9,764 ft.--out of the hole. Stood 96 stands in the derrick and laid the rest down to leave room for new tubing. Picked up new tubing from float and RIH with one tapered mill and one standard mill at the end of new 2 $\frac{3}{8}$ " N-80. Used the mills to take care of tight spots reported during earlier work. Reamed out a tight spot at 6,760 ft. with several passes of the mill. RIH with 239 joints before shutting down for the day. MWS crew brought a camper, so they are staying at the well.
- July 13, 1997 RIH with the rest of the tubing. Tagged bottom at 9,865 ft.; 308 joints. POOH to retrieve mill. Stood new tubing in the derrick. The last 6 joints were wet, and the last joint was full of mud and sand.
- July 14, 1997 Well had 360 psi on tubing and casing. Schlumberger, Dalbo and MWS on location to perforate. A-1 delivered three frac tanks. Water will be hauled from the Bert Delambert Ranch. RU Schlumberger, RIH with 25-foot 3 $\frac{3}{8}$ " high density gun with collar locator. Tied into existing perfs and long joint at 9,607 ft. Did not feel any fluid on the way down. Pumped 10 bbl. 2% KCl water to cover the gun before firing. Perforated 9,764-90 ft. w/2 spf. Had a good blow. On the way out found fluid level at 7,600 ft. RIH to perforate 9,714-39 ft. w/2 spf. Had a good blow. RD Schlumberger and RIH with a SSN one joint above a Baker Double R compression packer at the end of the N-80 tubing string. Set packer 44 ft. above the perfs at 9,640.53 ft. It took 76 bbl. of 2% KCl water to fill the back side. Pressured up on casing to 1,000 psi, and it held for 30 min. Opened tubing, but well did not unload. Dropped 6 soap sticks and shut well in overnight.
- July 15, 1997 Well had 600 psi on tubing. Opened it up and blew it down, but it would not unload on its own. Made one swab run and well unloaded. Let it clean up for 30 minutes before shutting it in. Ready for frac 7-17.
- July 17, 1997 Moved frac equipment up to location. L & L Roustabout helped Sand Master up Hay Canyon. Roads were in bad condition. BJ

Segundo 23-4
Frac job
NESW Sec. 4 T17S-R21E
Grand County, Utah
Page 2

Services on location at 10 a.m. RU BJ Services and tested lines to 10,000 psi before starting frac job at 3:30 p.m. Pumped 2,000 gal. 7.5% HCl. Broke down at 9,600 psi before we started pad. Established rate of 14 bbl/min and put away all 100,000# of sand. Maximum pressure was 8,300 psi on 5# sand. ISIP 3645

5 min	3395
10 min	2765
15 min	2338

RD BJ Services and laid flow line to a frac tank with an 8/64" choke. Watched well overnight.

July 18, 1997 Well did not flow; went on vacuum overnight. MWS unseated packer. POOH laying down the N-80 string on the float. RIH with a notched collar and SSN at the end of the old 2 $\frac{3}{8}$ J-55 tubing string. Replaced 16 joints with bad pins with 12 new joints of N-80. Tagged sand at 9,570 ft. with 325 joints in the hole, which was 112 ft. above the perms. Pulled up 15 ft. and shut down for the day.

July 19, 1997 Circulated out 230 ft. of sand and recovered some rubber and metal from the rat hole. Ran tubing to 9,807 ft. and could not make any more hole. Pulled 25 stands and made 5 swab runs. Recovered 40 bbl. fluid.

July 20, 1997 No pressure on tubing or casing. Pulled 16 swab runs--the first from 3,700 ft.--and recovered 82 bbl. of fluid. Fluid was at 8,000 ft. on the last run. Shut in both tubing and casing overnight.

July 21, 1997 Morning casing pressure 90 psi, tubing pressure 40 psi. Made 11 swab runs and recovered 35 bbl. Dropped in 2 soap sticks and left tubing open overnight.

July 22, 1997 Well did not unload overnight. Morning casing pressure was 100 psi. Made 7 swab runs with 1 hour between runs, recovered 16 bbl. of fluid. Fluid is not coming fast enough. Casing pressure holding at 90 psi. Left well open overnight to frac tank on 8/64" choke.

July 23, 1997 Well did not unload overnight. Recovered 17 bbl. of fluid in 9 swab runs during the day. Slow fluid entry. Casing pressure up to 120 psi. Shut well in overnight

Segundo 23-4
Frac job
NESW Sec. 4 T17S-R21E
Grand County, Utah
Page 3

July 24, 1997 Morning casing pressure 120 psi. Tubing pressure 0. Recovered 16 bbl of fluid swabbing all day. Shut well in overnight.

July 25, 1997 Morning casing pressure 240 psi. Tubing open. Recovered 15 bbl of fluid swabbing all day. Shut well in overnight.

July 26, 1997 Morning casing pressure 450 psi. Tubing open. Made 1 swab run and recovered gas cut fluid. Well began unloading on its own.

July 28, 1997 Shut-in tubing and casing pressures read 750 psi. Rigged down and left tubing in the well as follows:

Notched collar and SSN	1.20
315 jt J-55 2 $\frac{3}{8}$ " tubing	9,299.32
12 joints 2 $\frac{3}{8}$ " N-80 tbg	<u>384.00</u>
	9,684.84
Below KB	<u>6.00</u>
Landed tubing at	<u>9,690.84</u>

July 29, 1997 Tubing 514, casing 546

July 30, 1997 Tubing 705, casing 708

August 1, 1997 Well on line producing 80 Mcfd 4 hours on, 4 hours off. End of report

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached list

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

J.C. THOMPSON OPERATOR, LLC

3. ADDRESS OF OPERATOR:

7979 E Tufts Ave Pkwy #815

CITY

Denver

STATE

CO

ZIP

80237

PHONE NUMBER:

(303) 220-7772

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective March 17, 2005, J.C. Thompson Operator, LLC became the operator of all wells on the attached list, which were previously operated by J.C. Thompson.

previous operator: J.C. Thompson
7979 E Tufts Ave Pkwy #815
Denver CO 80237-2873

N1240

by:

J.C. Thompson

new operator: J.C. Thompson Operator, LLC
7979 E Tufts Ave Pkwy #815
Denver CO 80237-2843

N2805

State + Fee BOND # LPM 8756586
BLM Bond # LPM 4021517

NAME (PLEASE PRINT) J.C. Thompson

TITLE Member and Manager

SIGNATURE

J.C. Thompson

DATE 3/17/2005

(This space for State use only)

APPROVED

8/24/05

(5/2000)

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAY 25 2005

DIV. OF OIL, GAS & MINING

SCHEDULE OF PROPERTIES

J C Thompson Operator, LLC
(effective March 17, 2005)

<u>API No.</u>	<u>Lease No.</u>	<u>Well Name</u>	<u>Location (Grand County, Utah)</u>	
4301930169	ML-27428	State 428 #1	SWSE	5-T16S-R22E
4301930193	ML-21913	State 913 #1A	C SE	9-T16S-R22E
4301930706	ML-27406	Peterson Springs #1	NWSE	14-T17S-R21E
4301916206	UTU-05109	Horse Point Unit 1-X	NWNE	14-T16S-R23E
4301920154	UTU-020509	Horsepoint M-4	SENE	6-T17S-R24E
4301930013	ML-21613	Horsepoint M-6	NESE	32-T16S-R24E
4301930049	UTU-029600	Horsepoint M-7	SWNW	6-T17S-R24E
4301915671	UTU-02981	Moonridge 31-15	NWNE	15-T16S-R21E
4301915672	UTU-03008A	Segundo #2	SWSE	33-T16S-R21E
4301915673	UTU-04600	Segundo #23-4	NESW	4-T17S-R21E
4301930895	SL-071892	Westwater C-1	NENW	12-T17S-R23E
4301930891	SL-071892	Westwater D-1	SESE	11-T17S-R23E
4301930853	SL-071893	Westwater Unit #3	S2N2NW	13-T17S-R23E
4301930852	SL-071893	Westwater Unit #5	NESW	18-T17S-R24E
4301930892	SL-071892	Westwater B-1	NWSW	17-T17S-R24E
4301915657	SL-071892	Westwater E2	SWSE	7-T17S-R24E
4301915649	SL-071892	Castlegate 2	SWNW	18-T17S-R24E
4301915650	SL-071893	Westwater Castlegate 4	NENE	13-T17S-R23E
4301915652	SL-071892	Westwater Castlegate 6	SENW	18-T17S-R24E
4301915653	UTU-04011	Westwater Castlegate 7	NESE	7-T17S-R24E
4301915656	SL-071892	Castlegate D-2	NWNE	18-T17S-R24E
4301915654	SL-071891	Westwater C9-10	SWSE	10-T17S-R23E
4301930077	SL-071892	Westwater E5	NWNE	18-T17S-R24E
4301915658	SL-071892	Westwater E3	NENW	17-T17S-R24E
4301915662	UTU-04011	Westwater M3	NWNW	7-T17S-R24E

SCHEDULE OF PROPERTIES
J C Thompson Operator, LLC
Page 2

<u>API No.</u>	<u>Lease No.</u>	<u>Well Name</u>	<u>Location (Grand County, Utah)</u>	
4301915660	SL-071567	Westwater M1	SESW	1-T17S-R23E
4301915661	SL-071892	Westwater M2	NWSE	12-T17S-R23E
4301915647	UTU-026A	Bryson Canyon Govt #1	SWSW	8-T17S-R24E
4301930641	UTU-15889	Middle Canyon #4-30	SWSW	30-T16S-R24E
4301930925	UTU-30123	Middle Canyon #11-30	SESW	30-T16S -R24E

1. GLH
2. CDW
3. FILE

Merger

3/17/2005

FROM: (Old Operator):	TO: (New Operator):
N1240-Thompson, J. C. 7979 E Tufts Ave Pkwy, Suite 815 Denver, CO 80237-2843 Phone: 1-(303) 220-7772	N2805-J. C. Thompson Operator, LLC 7979 E Tufts Ave Pkwy, Suite 815 Denver, CO 80237-2843 Phone: 1-(303) 220-7772

Unit:

[illegible]

Thompson FORM B.xls Date) 11

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/26/2005

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 8/24/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 8/24/2005
3. Bond information entered in RBDMS on: 8/24/2005
4. Fee/State wells attached to bond in RBDMS on: 8/24/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: U0068

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number LPM8756586**
2. The FORMER operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

** Bond rider deleted J. C. Thompson and added J. C. Thompson Operator, LLC



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

October 19, 2005

J. C. Thompson Operator, LLC
7979 E. Tufts Ave. Pkwy. #815
Denver, CO 80237-2843

43-019-15673
Re: Well No. Segundo 23-4
NESW, Sec. 4, T17S, R21E
Grand County, Utah
Lease No. U-04600

Dear Mr. Thompson:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, J. C. Thompson Operator, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000186, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Wilcken of this office at (435) 781-4497.

Sincerely,

Matt Baker
Petroleum Engineer

cc: UDOGM
National Fuel Corp.
Royale Energy Inc.

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 21 2005

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-04600
2. Name of Operator J.C. Thompson Operator, LLC		6. If Indian, Allottee or Tribe Name
3a. Address 7979 E Tufts Ave Pkwy #815, Denver CO 80237-2843	3b. Phone No. (include area code) 303-220-7772	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESW Sec 4, T17S-R21E		8. Well Name and No. Segundo 23-4
		9. API Well No. 4301915673
		10. Field and Pool, or Exploratory Area
		11. County or Parish, State Grand, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other operator change
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Effective March 17, 2005, J.C. Thompson Operator, LLC succeeded J.C. Thompson as operator of the Segundo 23-4 well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. J.C. Thompson Operator, LLC has been added as an additional principal to National Fuel Corporation's Statewide Utah Bond No. LPM4821517.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) J.C. Thompson		Title Member and Manager
Signature 		Date 09/14/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Petroleum Engineer	Date OCT 13 2005
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator):

N2805- J. C. Thompson
 8400 E Prentice Ave, Suite 735
 Greenwiid Village, CO 80111

Phone: 1 (303) 220-7772

TO: (New Operator):

N8060- National Fuel Corporation
 8400 E Prentice Ave, Suite 735
 Greenwood Villiage, CO 80111

Phone: 1 (303) 220-7772

CA No.

Unit:

N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/14/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/14/2012
- a. Is the new operator registered in the State of Utah: Business Number: 1260477-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Yes
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 8/14/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/31/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2012
- Bond information entered in RBDMS on: 8/31/2012
- Fee/State wells attached to bond in RBDMS on: 8/31/2012
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: LPM4021517
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM 8756586
- 3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

J C Thompson Operator, LLC (N2805) to National Fuel Corporation (N8060)
Effective 8/1/2012

Well Name	Sec	TWP	RNG	API Number	Entity	Least	Well Type	Well Status
FED 18 CASTLEGATE-2	18	170S	240E	4301915649	355	Federal	GW	P
WESTWATER FED C9-10	10	170S	230E	4301915654	304	Federal	GW	P
WESTWATER U M-1	01	170S	230E	4301915660	308	Federal	GW	P
SEGUNDO 2	33	160S	210E	4301915672	320	Federal	GW	P
SEGUNDO 23-4	04	170S	210E	4301915673	325	Federal	GW	S
HORSE POINT M-7	06	170S	240E	4301930049	305	Federal	GW	S
STATE 913-1A	09	160S	220E	4301930193	6035	State	GW	S
WESTWATER FED B-1	17	170S	240E	4301930892	306	Federal	GW	P
FEDERAL C-1	12	170S	230E	4301930895	270	Federal	GW	S

PHONE 303-220-7772
FAX 303-220-7772

J. C. THOMPSON OPERATOR, LLC
8400 E. Prentice Ave. – Suite 735
Greenwood Village, Colorado 80111

August 9, 2012

RECEIVED

AUG 14 2012

DIV. OF OIL, GAS & MINING

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Operator Change
J.C. Thompson Operator, LLC to National Fuel Corporation

J.C. Thompson Operator, LLC, the operator of certain wells located in Grand County, Utah, requests that the designated operator of all wells be changed to National Fuel Corporation effective June 1, 2012. Accordingly, enclosed for approval is the Sundry Notice (submitted in triplicate) regarding the leases.

National Fuel Corporation is principal to its Statewide Utah Bond #LPM4021517 and the bond has been previously provided to the Salt Lake City office. The Resignation of Unit Operator and Designation of Successor Operator will also be provided accordingly.

Please advise if any additional information or documentation is required.

Sincerely,



Lynne Jansons
Land and Contract Management
National Fuel Corporation
303.996.6776 (office)
303.220.7773 (fax)
ljansons@national-fuel.com

enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
NATIONAL FUEL CORPORATION *780060*

3. ADDRESS OF OPERATOR:
8400 E Prentice Ave., Suite 7 Greenwood Village CO 80111

PHONE NUMBER:
(303) 220-7772

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2012, National Fuel Corporation succeeded J.C. Thompson Operator, LLC as operator of all wells on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. National Fuel Corporation is principal to the Statewide Utah Bond No. LPM4021517.

State: LPM 8756586

NAME (PLEASE PRINT) Diane Thompson

TITLE President and Chief Operating Officer

SIGNATURE *Diane Thompson*

DATE *July 30, 2012* July 30, 2012

(This space for State use only)

APPROVED

AUG 31 2012

(5/2000)

DIV. OIL GAS & MINING

Rachael Medina
Engineer Tech

(See Instructions on Reverse Side)

RECEIVED

AUG 14 2012

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-04600

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Segundo #23-4

9. API Well No.
4301915673

10. Field and Pool or Exploratory Area

11. Country or Parish, State
Grand, Utah

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
NATIONAL FUEL CORPORATION

3a. Address
8400 E Prentice Ave., Suite 735, Greenwood Village, CO 80111

3b. Phone No. (include area code)
(303) 220-7772

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NESW Sec 4, T17S-R21E

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Operator Change
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Effective June 1, 2012, National Fuel Corporation succeeded J.C. Thompson Operator, LLC as operator of the well listed above list and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. National Fuel Corporation is principal to the Statewide Utah Bond No. LPM4021517.

RECEIVED

JUN 25 2013

BIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Diane Thompson

Title President and Chief Operating Officer

Signature

Diane Thompson

Date

July 30, 2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Assistant Field Manager

Title Lands & Mineral Resources

Date

JUN 17 2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UDOGM